



Mission sequence, Snapshot #1

- Time = 0

Satellite release from stage 1

Orbits (altitudes kmxkm)

– Before release

- stage-1 CM (LEO) 910x1517
orbital period 1:1 1:50 hr:min

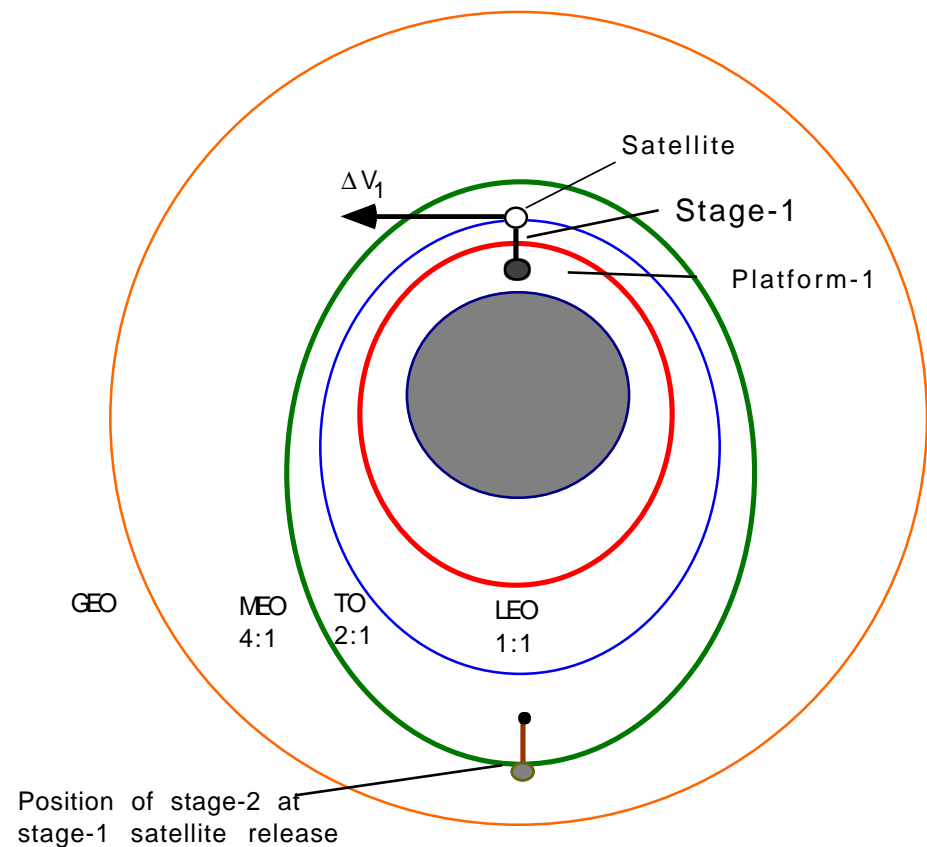
- stage-2 CM (MEO) 946x24558
orbital period 4:1 7:20 hr:min

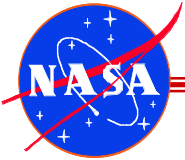
– After release

- sat. transfer orbit (TO) 926x10420
orbital period 2:1 3:40 hr:min

- platform-1 orbit 300x906

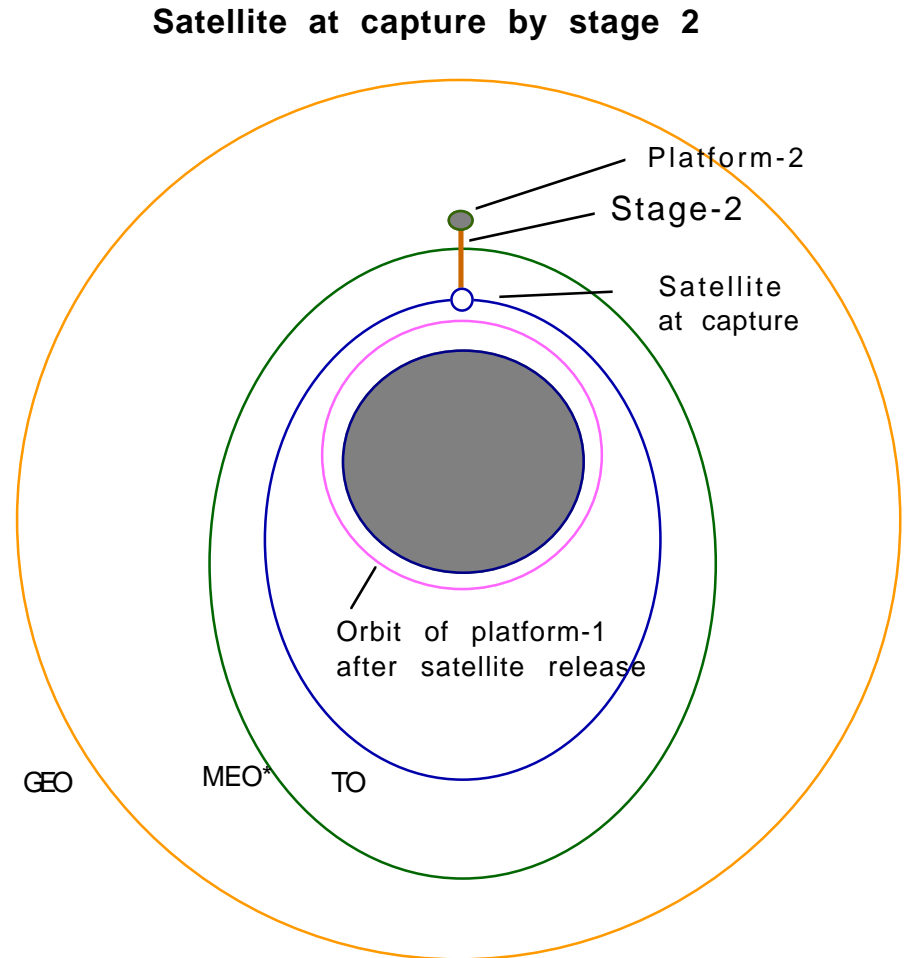
Satellite release from stage 1

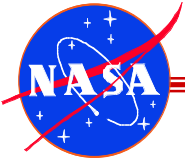




Mission sequence, Snapshot #2

- Time = 1:50 hr:min
Satellite capture by stage 2
- Orbits (altitudes kmxkm)
 - Before capture
 - sat. transfer orbit (TO) 926x10420
 - After capture
 - stage-2 orbit in MEO





Mission sequence, Snapshot #3

- Time = 9:11 hr:min
Satellite release from stage 2
Orbits (altitudes kmxkm)
 - Before release
 - stage-2 in MEO
 - After release
 - satellite in GTO 953x35787
orbital period 10:46 hr:min
- Time = 14:34 hr:min
Arrival of satellite at apogee of GTO

